

Safety & Buildings Division
201 West Washington Avenue
P.O. Box 2689
Madison, WI 53701-2689

Wisconsin Material Approval

Material

Aboveground Double Wall Storage Tank

Manufacturer

Clawson Tank Company
4545 Clawson Tank Drive
Clarkston, MI 48347

SCOPE OF EVALUATION

The aboveground double wall storage tank manufactured by Clawson Tank has been evaluated in conformance with **s. ILHR 10.415(7)(b)** of the Wisconsin Administrative Flammable and Combustible Liquids Code.

DESCRIPTION AND USE

The aboveground double wall steel storage tank is available in a vertical configuration with a capacity of up to 35,000 gallons or a horizontal configuration with a capacity of up to 50,000 gallons. A built-in monitoring well is provided. The horizontal tank has a UL approved saddle and skid design.

TESTS AND RESULTS

Underwriters Laboratories, Inc. has tested and listed the tank in accordance with UL Standard 142. UL has also approved the saddle and skid design.

LIMITATIONS OF APPROVAL

The aboveground double wall storage tank is approved for compliance with the secondary containment requirements of **ss. ILHR 10.415(7)(b)** and may be used without a dike, except in the case of public-access waste oil collection. Tanks for public-access waste oil collection shall be provided with a dike in accordance with **s. ILHR 10.33**.

Tanks up to 10, 000 gallons may be used for vehicle fueling in accordance with **s. ILHR 10.415**.

All tanks, regardless of capacity, shall have a minimum total wall thickness (heads and shells) of 7/16-inch. This is deemed sufficient to meet the projectile protection requirement of **s. ILHR 10.415(7)(b)**.

Double wall tanks with lesser wall thicknesses may be used inside a building without a dike subject to the requirements of **chapter ILHR 10** and **NFPA 30** and **31**.

Compartmentalized tanks shall be constructed with a double bulkhead in accordance with UL Standard 142. This interstitial space between compartments shall be monitored for leaks.

A spill container shall be provided at the fill opening in accordance with **s. ILHR 10.415(12)(a)**.

Separate vehicle collision protection shall be provided by a barrier that meets the design requirements specified in **s. ILHR 10.415(8)(a)**.

No attachments shall be made to the tank which violate or void the UL listing.

The horizontal tank shall be installed to allow full visual inspection of the secondary containment system.

The interstitial space shall be monitored for leaks. The monitor must be capable of detecting a leak from anywhere in the inner tank.

The installer shall be certified by the department in accordance with **Ch. Comm 5**.

This approval will be valid through December 31, 2003, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The Wisconsin Material Approval Number must be provided when plans that include this product are submitted for review.

DISCLAIMER

The department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement not specified in this document.

Reviewed by:_____

Approval Date:_____

By:_____

Duane D. Hubeler, P.E.
Mechanical Code Consultant
Program Development Bureau

980071-U.doc